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TITLE: CLAMP CIRCUIT FOR ELECTRON ENDOSCOPE DEVICE
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INVENTOR-INFORMATION:

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ABSTRACT:

PURPOSE: To enable satisfactory gamma correction processings by completely matching the blank part of the video signal to the black level of the optical black part in the clamp circuit.

CONSTITUTION: A first clamp circuit 10 for the sample-and-hold of the black level from the optical black part of the video signal and clamping this sample-and-hold circuit voltage to be equal to the reference voltage and a blanking circuit 12 equipped with the variable voltage device VR and blanking part of the video signal, are provided. A second clamp circuit 14 performing the sample-and-hold of the output of this blanking circuit 12 and controlling the voltage of the variable voltage device VR of the blanking circuit

12 by

comparing this sample-and hold voltage with the reference voltage set in the first clamp circuit 10 so as to made equal to the reference voltage of the blank part.

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